

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: Joong-Hyun MUN and Jang-Kun SONG the undersigned hereby sell and assign to Samsung Electronics Co., Ltd. (the Assignee), his/her entire right, title and interest

check applicable box(es) for the United States of America (as defined in 35 U.S.C. § 100),
 and throughout the world,

in the invention(s) known as **LIQUID CRYSTAL DISPLAY HAVING WIDE VIEWING ANGLE**, for which application(s) for patent in the United States of America has (have) been executed by the undersigned on _____ (also known as **United States Application No.** _____, filed _____), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisional and continuation applications thereof, to the full end of the term or terms for which such Letters Patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby represents that the undersigned has full right to convey the entire interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s)

Jason C. Abair, Reg. No. 44,007
Michael J. Bell, Reg. No. 39,604
John A. Bendrick, Reg. No. 41,612
Celine T. Callahan, Reg. No. 34,301
Jenny W. Chen, Reg. 44,604
Mary S. Consalvi, Reg. No. 32,212
Thomas E. Coverstone, Reg. No. 36,492
Ben M. Davidson, Reg. No. 38,424
Ross E. Davidson, Reg. No. 41,698
James F. Davis, Reg. No. 21,072
Thomas M. Dunham, Reg. No. 39,965
Alan M. Grimaldi, Reg. No. 26,599
J. Jay Giuliano, Reg. No. 41,810
Albert P. Halluin, Reg. No. 25,227
Derek J. Jardieu, Reg. No. 44,483
Christopher L. Kelley, Reg. No. 42,714

Brian S.Y. Kim, Reg. No. 41,114
Viola T. Kung, Reg. No. 41,131
Robert C. Laurenson, Reg. No. 34,206
Joseph P. Lavelle, Reg. No. 31,036
Don F. Livornese, Reg. No. 32,040
Christopher A. Mathews, Reg. No. 35,944
Matthew J. Moore, Reg. No. 42,012
Andrew Y. Piatnicia, Reg. No. 40,772
Glenn W. Rhodes, Reg. No. 31,790
Richard M. San Pietro, Reg. No. 45,071
Charles Bret Seaton, Reg. No. 46,171
Michael J. Stimson, Reg. No. 45,429
Jennifer A. Tipsord, Reg. No. 40,205
William K. West, Reg. No. 22,057
Adam K. Whiting, Reg. No. 44,400
Jayna R. Whitt, Reg. No. 47,175
Karen K. Wong, Reg. No. 44,409
Wallace Wu, Reg. No. 45,380
Matthew S. Zises, Reg. No. 47,246

of HOWREY SIMON ARNOLD & WHITE, LLP, Box No. 34, 1299 Pennsylvania Ave., NW, Washington, DC 20004-2402, power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

Date: October 5, 2001 Signature of Inventor: Joong Hyun Mun
Joong-Hyun MUN

Date: October 5, 2001 Signature of Inventor: Jang Kun Song
Jang-Kun SONG